



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
Livestock Facility Inspection Checklist

File: Livestock - Clinton Co.
Kampwerth Hog Farm

JD & BOK BOR

GENERAL INFORMATION

TYPE OF INSPECTION:

☒ CAFO ☐ COMPLAINT ☐ RECONNAISSANCE ☐ ERU FOLLOW UP ☐ OPERATOR REQUEST ☐ OTHER

FACILITY NAME (LLC, Inc., Corp, Partnership, sole proprietorship, etc.)

Kampwerth Farms

INSPECTION DATE 04-19-11 **ARRIVAL TIME** 11:00 AM

ADDRESS

10919 Kampwerth Road

INSPECTOR(S) Brian Rodely **DEPARTURE TIME** 1:35 PM

CITY Breese **STATE** IL **ZIP CODE** 62230 **ACCOMPANIED BY** (if applicable) Joe Stitely

LEGAL DESCRIPTION

COUNTY Clinton **SECTION** 23 **TOWNSHIP** 3N **RANGE** 4W **TEMPERATURE** 65 **PRECIPITATION TYPE** 0.5

Facility Owner(s):

Exemption 6 and Exemption 7(c)

NAME Dale Kampwerth **CONTACTED** ☒ YES ☐ NO **PHONE** **MOBILE** Exemption 6 and Exemption 7(c)

ADDRESS **CITY** **STATE** **ZIP CODE**

NAME **CONTACTED** ☐ YES ☐ NO **PHONE** **MOBILE**

ADDRESS **CITY** **STATE** **ZIP CODE**

Facility Operator(s):

Exemption 6 and Exemption 7(c)

NAME **CONTACTED** ☐ YES ☐ NO **PHONE** **MOBILE**

ADDRESS **CITY** **STATE** **ZIP CODE**

NAME **CONTACTED** ☐ YES ☐ NO **PHONE** **MOBILE**

ADDRESS **CITY** **STATE** **ZIP CODE**

NPDES PERMIT INFORMATION (If no NPDES Permit, skip this section)

1. What type of NPDES permit has been issued?

☐ Individual NPDES Permit ☐ General NPDES Permit

NPDES #

2. What date was the NPDES permit issued?

3. What date does the NPDES permit expire?

4. Is a copy of the NPDES permit onsite?

5. Permitted number of animal units?

6. Does the NPDES Permit contain a compliance schedule?

7. Have there been any changes made to the production area since the permit was issued?

If "YES", provide a detailed description of those changes.

None

LAND APPLICATION/NUTRIENT MANAGEMENT

1. How many TOTAL acres are available for land application? 1200 acres	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
2. How many acres are READILY available for land application at the time of inspection? 1000 acres	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
3. Estimated annual quantities of liquid waste 7.2 million gallons		
4. Estimated annual quantities of solid waste 30 tons		
5. Does the facility have a contractor perform land application? If "YES", Name of Contractor: _____	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
6. What type of land application equipment is available to the facility? <input type="checkbox"/> Umbilical Injection <input checked="" type="checkbox"/> Honeywagon Injection <input type="checkbox"/> Honeywagon Surface <input type="checkbox"/> Irrigation <input type="checkbox"/> Rotational Gun <input type="checkbox"/> Manure Spreader <input type="checkbox"/> Vegetative Filter <input type="checkbox"/> Other _____		
7. Does the facility calibrate the land application equipment? If "YES", What method is used? Manufacturer	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
8. Does the facility land apply within the 150 foot setback from any water well? If "YES", Explain	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
9. Does the facility land apply within the 200 foot setback from any surface water? If "YES", Explain	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
10. Does the facility land apply near any residences? If "YES", Explain	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
11. Is livestock waste transferred off-site to another party? If "YES", Are records of manure transfers kept? If "YES", Ask to see records	<input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO <input type="checkbox"/> NO
12. Does the facility have a current NMP or CNMP? If "YES", Does the facility maintain a copy of the nutrient management plan (NMP) onsite?	<input type="checkbox"/> YES <input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO <input checked="" type="checkbox"/> NO
13. Does the NMP reflect the current operational characteristics (number of animals, cropping, etc.)?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
14. Are the number of acres owned/leased consistent with those in the NMP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
15. Is manure and wastewater being applied in accordance with setback/buffer requirements of the NMP?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
16. Are all of the records identified in the NMP being maintained and kept current?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
17. Are records being maintained at the required frequency?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
18. Are records being maintained onsite for the period required by NMP and/or NPDES permit?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
19. Is the NMP adequately addressing the storage, handling and application of manure and wastewater to prevent discharges to waters of the U.S.?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO

LIVESTOCK FACILITY DESCRIPTION

Facility Type			
<input checked="" type="checkbox"/> Total Confinement Buildings		<input type="checkbox"/> Open Earthen Feedlot	
<input type="checkbox"/> Open Confinement Buildings		<input type="checkbox"/> Vegetated Pasture	
<input type="checkbox"/> Open Concrete Feedlot		<input type="checkbox"/> Other _____	
Type of Animals	Number of Animals (currently)	Capacity	Type of Confinement
SWINE > 55 LBS	0	16000	Total
SWINE < 55 LBS	28000	37000	Total
Does the facility have an Illinois Certified Livestock Manager (300 or greater animal units)? <input type="checkbox"/> N/A <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
If greater than 1000 animal units but less than 5000 animal units, does the facility have a waste management plan?		<input type="checkbox"/> N/A	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
If greater than 5000 animal units, has the facility submitted a waste management plan to IDOA for review?		<input type="checkbox"/> N/A	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Does the facility have any other locations under common ownership, or where equipment and/or manure is shared, or where the other site shares land application sites? If so, put names and addresses below.		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
None			

LIVESTOCK WASTE STORAGE

- Does the facility have any existing livestock waste containment system? ☒ YES ☐ NO
If NO, then proceed to question 10.
- General description of the waste containment system (include solid and liquid manure handling, mortality, and feed storage areas).
80-240-8 (Barn 1 & 3) , 80-300-8 (Barn 5), 100-300-8 (Barn 7 & 9). Total volume is 672000 cubic feet.

Type of Storage	Total Storage Capacity (Specify Units)
<input type="checkbox"/> Anaerobic Lagoon	
<input type="checkbox"/> Covered Lagoon	
<input type="checkbox"/> Holding Pond	
<input type="checkbox"/> Above Ground Storage Tank ("Slurrystore")	
<input type="checkbox"/> Below Ground Storage Tank	
<input type="checkbox"/> Settling Basin	
<input type="checkbox"/> Roofed Storage Shed	
<input type="checkbox"/> Concrete Pad	
<input type="checkbox"/> Impervious Soil Pad	
<input checked="" type="checkbox"/> Underfloor Pits	5 Million Gallons Total
<input type="checkbox"/> Anaerobic Digester	
<input type="checkbox"/> Manure Stacks	
<input type="checkbox"/> Vegetative Filter	
<input type="checkbox"/> Other _____	
<input type="checkbox"/> None	

- Do the storage structures have depth markers or staff gauges? ☐ YES ☒ NO
- Are levels of manure in the storage structures recorded and records kept? ☐ YES ☒ NO
- Do the storage structures have adequate freeboard? ☒ YES ☐ NO
- Estimated final stage storage structure freeboard 48 in.
- Do facility personnel perform routine visual inspections of the storage structures? ☒ YES ☐ NO
- Are the routine visual inspections documented? ☐ YES ☒ NO
- Does the system have an outfall or discharge point? ☐ YES ☒ NO
If "YES", please provide a description (overflow pipe, spill way, etc. Include a description the area receiving the discharge).
None
- Are there any portions of the production area where runoff is not controlled? ☐ YES ☒ NO
If "YES", provide a detailed description of the area(s) of concern:
None

MORTALITIES MANAGEMENT

- How are mortalities managed? (Composted, buried, burned, rendering service, other)
Rendering placed in dumpsters and picked up 3 times per week.
- Are mortalities documented and are records kept? ☒ YES ☐ NO

FACILITY WATER SOURCES

1. What type of method is used to provide drinking water for the animals?
☐ Overflow waters ☐ Tip Tanks ☒ Nipple waters ☐ Water Bowls ☐ Other _____
2. How is the water for animals obtained?
☐ Community PWS ☐ On-Site Well ☒ On-Site Impoundment ☐ Other _____
3. Is a mist cooling system used? ☒ YES ☐ NO
How is mist water contained?
Underfloor Pit.

DAIRY OPERATION (If No Dairy, skip this section)

1. How many times per day are cows milked? _____
2. Describe how the dairy's non-contact cooling water is contained (Example: it is reused for drinking water for the animals).
None
3. Describe how the milking parlor is cleaned (hose or flush) and where the process wastewater goes and how it is contained.
None
4. Describe how the tank(s) are washed and where the process wastewater goes and how it is contained.
None
5. Describe where process wastewater from the plate cooler goes and how it is contained.
None

BEDDING (If No Bedding, skip this section)

1. Describe what type of bedding is used for the animals.
None
2. Describe how bedding is collected and how often.
None
3. What is done with the used bedding? ☐ Reused ☐ Land Applied

MANURE COLLECTION

1. How is manure collected?
- ☒ Under Floor Pit ☐ Scraped: ☐ Automatic ☐ Manual
- ☐ Flush
- ☐ Solids Separator
- ☐ Other: _____
- ☐ None
2. If manure collection system uses either clean or reused water to flush, describe where this water goes and how it is contained.
- None**

FEED STORAGE CONTAINMENT

1. Describe how feed (silage, hay, etc) is contained.
- ☒ Bulk Bins
- ☐ Silage Pit
- ☐ Ag Bags
- ☐ Hay: ☐ Barn ☐ Outdoor
- ☐ Other: _____
2. Describe how feed (silage, hay, etc) runoff is contained.
- ☒ Not Applicable – Feed totally enclosed
- ☐ Other: _____
- ☐ None

RECEIVING SURFACE WATERS

1. Provide a description of the flow path from the facility to the nearest named surface water.
- Overland flow 500' Northeast, East, or South to Shoal Creek.**

2. What is the name of the receiving stream?
- Shoal Creek**

3. Status of the named surface water: ☐ Intermittent ☒ Perennial

4. Are any unnatural bottom deposits observed in the receiving stream: ☐ YES ☒ NO
- If "YES", provide a description of the deposits: **None**


DISCHARGES

1. Have there been any documented discharges of livestock waste to surface water <i>in the past year</i> ? If "NO" proceed to question 2.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
a. If "YES", specify the date(s).		
b. What was the reason for the discharge?		
c. Was the discharge the result of a 25 year-24 hour rainfall event?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
d. What was the precipitation amount? (if applicable)		
e. Was IEMA notified of the discharge?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
f. Has the facility taken corrective action to remedy the situation which caused the discharge(s)?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
If "YES", describe actions taken:		
None		
2. Is the facility currently discharging livestock waste from the production area? If "NO" proceed to next section.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
b. Was the discharge the result of a 25 year-24 hour rainfall event?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
c. What was the precipitation amount? (if applicable)		
d. What is the reason for the discharge?		

OTHER COMMENTS/NOTES

Facility NMP is currently being updated by SGS Ag Services Toulon (Through Alvey Labs) and is not on site.

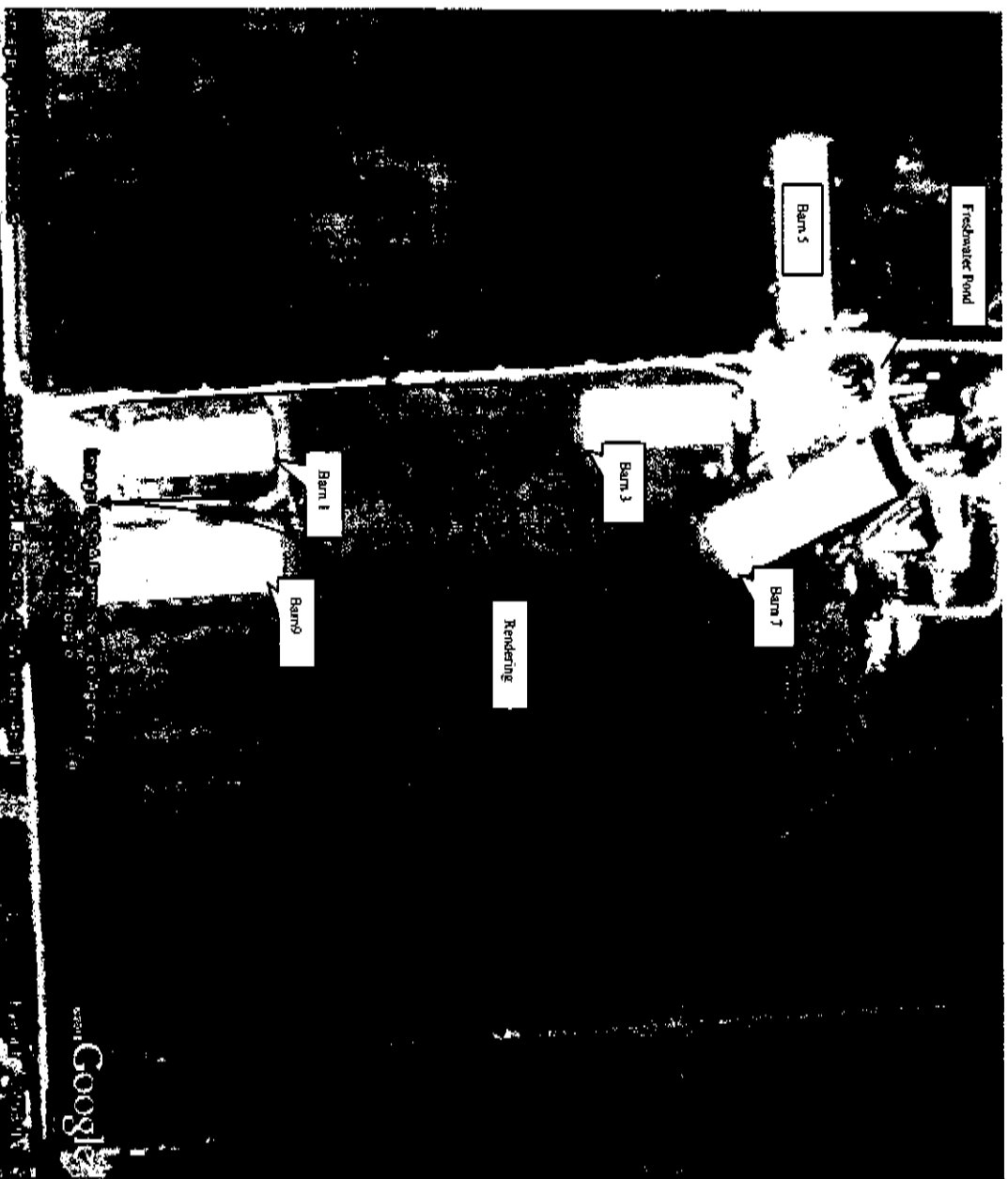
Will an inspection report be attached? ☐ YES ☒ NO

INSPECTOR'S SIGNATURE	REPORT DATE
	04-28-11

Cc: BOW/DWPC/RU

Attachments: Site Plan

Kampwerth Farms Site Plan - 110419



Arrows show the direction of non-contact stormwater drainage. Barns are labeled as shown and the enclosed feed bins are located on the end of the barns. The two watertight rendering dumpsters are located between barns 1 and 9 as well as between barns 3 & 7. Freshwater is pumped from the fresh water pond located at the north end of the site. No discharge was observed at the time of inspection on 04-19-11.